



**TROPICAL CYCLONE BULLETIN NO. 2**

**Tropical Depression "MARING"**

Issued at 11:00 PM, 07 October 2021

Valid for broadcast until the next bulletin at 5:00 AM tomorrow

**TROPICAL DEPRESSION "MARING" CONTINUES TO MOVE ERRATICALLY OVER THE PHILIPPINE SEA EAST OF SOUTHERN LUZON**

|  |  |
|--|--|
| <b>Location of Center (10:00 PM)</b>   |  |
| The center of Tropical Depression "MARING" was estimated based on all available data at <b>585 km East of Virac, Catanduanes (13.0°N, 129.6°E)</b> |  |
| <b>Intensity</b>   |  |
| Maximum sustained winds of <b>45 km/h</b> near the center, gustiness of up to <b>55 km/h</b> , and central pressure of <b>1002 hPa</b>             |  |
| <b>Present Movement</b>  |  |
| <b>East southeastward at 15 km/h</b>   |  |
| <b>Extent of Tropical Cyclone Winds</b>  |  |
| <b>Strong winds or higher</b> extend outwards up to <b>300 km</b> from the center  |  |

**TRACK AND INTENSITY FORECAST**

| Date and Time  | Center Position |           |   | Intensity  |      | Movement dir. and speed (km/h) |
|--|-----------------|-----------|---|------------|------|--------------------------------|
|  | Lat. (°N)       | Lon. (°E) | Location  | MSW (km/h) | Cat. |                                |
| <b>12-Hour Forecast</b><br>8:00 AM<br>08 October 2021  | 12.7            | 129.2     | 550 km East of Virac, Catanduanes                           | 55         | TD   | SW SLOWLY                      |
| <b>24-Hour Forecast</b><br>8:00 PM<br>08 October 2021  | 13.8            | 129.9     | 615 km East of Virac, Catanduanes                           | 55         | TD   | NNE 10                         |
| <b>36-Hour Forecast</b><br>8:00 AM<br>09 October 2021  | 15.3            | 129.7     | 875 km East of Central Luzon                                | 65         | TS   | N 15                           |
| <b>48-Hour Forecast</b><br>8:00 PM<br>09 October 2021  | 17.0            | 128.9     | 725 km East of Casiguran, Aurora                            | 65         | TS   | NNW 15                         |
| <b>60-Hour Forecast</b><br>8:00 AM<br>10 October 2021  | 18.8            | 127.2     | 605 km East of Calayan, Cagayan                             | 65         | TS   | NW 20                          |
| <b>72-Hour Forecast</b><br>8:00 PM<br>10 October 2021  | 20.3            | 124.5     | 265 km East of Basco, Batanes                               | 75         | TS   | WNW 25                         |
| <b>96-Hour Forecast</b><br>8:00 PM<br>11 October 2021  | 21.5            | 118.6     | 345 km West Northwest of Itbayat, Batanes (outside the PAR) | 85         | TS   | WNW 25                         |
| <b>120-Hour Forecast</b><br>8:00 PM<br>12 October 2021 | 21.8            | 113.9     | 830 km West of Extreme Northern Luzon (outside the PAR)     | 85         | TS   | W 20                           |

Prepared by: RPG

Checked by: SFD



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#### TROPICAL CYCLONE WIND SIGNALS IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.

#### HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall

- Today through tomorrow, the trough of Tropical Depression "MARING" may bring light to moderate with at times heavy rains over Eastern Visayas.
- Under these conditions, isolated scattered flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps

##### Severe Winds

Current track and intensity forecast shows that there is a moderate to high likelihood that Tropical Cyclone Wind Signals (TCWS) will be hoisted over several provinces in Northern Luzon by late Friday or early Saturday. The highest possible wind signal for this tropical cyclone remains TCWS #2. However, due to the uncertainty in the track and intensity forecast, there is a possibility that areas outside Northern Luzon may also be placed under TCWS and that a higher wind signal will be hoisted within the forecast period.

#### HAZARDS AFFECTING COASTAL WATERS

In the next 24 hours, moderate rough seas will prevail over the seaboard of Luzon and the eastern and western seaboard of Visayas and Mindanao. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

#### TRACK AND INTENSITY OUTLOOK

- The tropical depression will continue moving erratically as it gradually consolidates over the next 24 hours. Afterwards, "MARING" will move north northwestward over the Philippine Sea on Saturday, northwestward on Sunday, and west northwestward to westward on Monday through the end of the forecast period. On the forecast track, "MARING" may cross the Luzon Strait and pass near or over the localities in Extreme Northern Luzon on Monday.
- "MARING" is forecast to remain a tropical depression today through tomorrow. Gradual intensification may take place beginning Saturday, with the cyclone being upgraded into a tropical storm during the morning hours.
- There is a moderate to high likelihood that changes may still occur in the track and intensity outlook for this tropical depression.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM tomorrow.